PROFESSIONAL ENGINEER'S CERTIFICATION FOR 30-DAY EXPEDITED TWA APPLICATION PROCESSING

Name_____ Block(s)_____ Lot(s)_____
of Project

Municipality_____ County_____

Check which of the following under statement 1 is correct. Your project must meet either or both of the following conditions to qualify for the Expedited TWA program.

1. a. _____ The project requires the construction of a sanitary sewer lateral only and does not involve the construction of a sewer extension along an easement through more than two properties, a roadway or public right-of-way.

b. _____ The project requires the construction of a sanitary sewer extension not exceeding 400 feet.

2. I have contacted the owner of the conveyance system to which this project directly connects and am not aware of inadequate conveyance conditions in any portion of the downstream facilities necessary to convey the wastewater from this project to the treatment plant.

3. Based upon the Department's current sewer connection ban list, the receiving treatment plant and/or the municipal collection system are not currently subject to a sewer connection ban.

4. The project, as proposed, is consistent with the appropriate water quality management plan and is located within an area which is currently permitted to be served by sanitary sewers (not designated as a future service area).

5. The engineering plans, specifications and engineer's report applicable to this project comply with the Department's technical standards as stipulated in the program rules.

6. If the project is located within the jurisdiction of the Pinelands Commission, a certificate of filing or an approval from the Pinelands Commission is enclosed with the application.

7. If the project is located in an area which is subject to wetland related conditions pursuant to a Federally Funded Grant and sewage generating structures are proposed in wetlands, a mapping revision or waiver letter has been obtained from the Municipal Wastewater Assistance Program for such work and is enclosed with the application.

I. GENERAL DESIGN REQUIREMENTS

1. Lateral sewers are designed as separate sanitary sewers.

2. The lateral sewer is designed to carry at least twice the estimated average design flow when flowing half full.

3. The lateral sewer is designed with a hydraulic slope that will provide a mean velocity of not less than two feet per second when flowing full or half full.

4. The contributory flow from this project has been calculated in accordance with the Department's projected flow criteria.

5. All laterals are proposed to be constructed at least three feet below the proposed grade.

II. MANHOLES (IF APPLICABLE)

6. Manholes/Cleanouts are provided at all changes in size, grade, alignment, and sewer intersections.

7. Drop manholes are provided where the entrance sewer invert is 24 inches or more above the manhole invert.

8. Manholes are spaced in compliance with a maximum distance of 400 feet.

9. Watertight manhole covers are used where the elevation is less than 10 feet above the North American Vertical Datum of 1988 and wherever the top of a manhole may be flooded during a twenty five year frequency storm event.

10. The minimum diameter of any proposed manhole is not less than 48 inches with an access diameter of at least 22 inches.

III.PUMP STATIONS/FORCE MAINS (IF APPLICABLE)

11. The velocity within the force main (including initial flows) is at least two feet per second.

12. Three feet of cover is provided along the entire force main.

13. The capacity of the wet well or control level is such that the detention time does not exceed 10 minutes at average daily flow.

14. The sides of the wet well are sloped at least 45 degrees to prevent solids accumulations.

15. An automatic sound alarm, independent of the pump station power, is provided for high water conditions, power failures and mechanical breakdowns.

16. Adequate fresh water facilities, protected by an approved backflow prevention device, are provided to permit routine washdown and cleaning operations at the pump station.

IV. SEWER EXTENSION

17. The design is in conformance with all of the design requirements stated above, included in the engineer's report (WQM-006 form) and stipulated in the Department's technical standards.

I hereby certify that the above statements are true and correct for the treatment works approval application identified above, except for below noted technical exceptions.

_____

Engineer Name and N.J.P.E. License No.

Professional Engineer's
Embossed Seal

_____

Signature and Date

_____

Name of Firm and Position

Technical Exceptions (If Applicable):